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(54) AROMATIC AMIDE DERIVATIVE

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain the subject new compound having Acetyl-CoA Carboxylase (hereafter, referred to as ACC) inhibitory activity, and useful for the treatment of viseral adiposis syndrome as a risk factor of geriatric diseases such as myocardial infarction, cerebral infarction and diabetes.

SOLUTION: This new compound is an aromatic amide derivative of formula I (R1 and R2 are each H, a 1-12C alkyl, aromatic hydrocarbon group, aromatic heterocyclic group or the like; R3 is H, a substituted amino, 1-12C alkyl, 2-12C alkenyl or the like; Y is CH=CH, N=CH, or the like; R4 is an acidic functional group; ring A is an aromatic hydrocarbon group, aromatic heterocyclic group or cyclic alkyl), e.g. 2-[2-(3trifluoromethylphenylamino)benzamido]benzoic acid. The amide derivative of formula I is obtained, for example, by condensation reaction between an amino compound of formula II and a carboxylic acid compound of formula III in the presence of a condensation agent and a base in an inert solvent.

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$$\mathbb{R}^4$$
 \mathbb{NH}_2